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Letter
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DEPARTMENT OF COMMERCE
BUREAU OF STANDARDS
WASHINGTON

Information Section
Bureau of Standards, Washington

(September 6, 1927)

READJUSTING SCREW-KNOB WEIGHTS CLASS S

Occasionally, after a set of Class S screw-knob weights has been examined for the effect of changes in the humidity of the atmosphere, one or two of the weights are found to be outside the tolerance and thus they can not be certified. In such cases, the time required for readjusting the inaccurate weights will usually be less than that involved in returning them and later putting replacement weights through a humidity test. The readjustment of such weights by this Bureau may therefore conserve the time of the Bureau as well as save expense for those who submit weights.

Therefore the Bureau is prepared to do such readjusting, except where some peculiarity of the weight or some other unusual circumstance makes it inadvisable to do so. Those who wish to do so may leave a standing order for the Bureau to do such readjusting on weights submitted by them. In other cases the party involved will be notified and the weights will be held until definite information is received.

Sheet metal weights (those below 1 gram) are not examined for the effect of humidity, and therefore the reporting and

replacement of such weights will be handled the same as heretofore.

For weights the actual corrections of which are to be determined, a special fee of $2.00 per weight has been tentatively adopted to cover both the readjustment and the final certification; for weights to be given the tolerance test this fee will be $1.65 per weight. For one or two weights, these fees amount to less than the fees for the testing of the weights sent to replace the inaccurate ones. For 3 weights these fees amount to somewhat more than the fees for testing new weights, but the total cost to the party submitting them is probably less on account of the saving of transportation charges and time involved in making the readjustments.

For 4 weights or more it is doubtful whether any good purpose is subserved by the plan and ordinarily, therefore, this readjustment will be limited to not more than 3 weights in any regular set.